Summary of Permit History (1979 to 1998)

AQD	Name	Year	1979	1981	1984	1986	1990	1990	1992	1995	1996	1998
		Permit	**234**	**234A**	**234A2**	**643A**	**117**	**132**	**946**	**229**	**282**	**1347**
1	Head Frame		NS	UC	UC	UC	DL	-----	-----	-----	-----	-----
2	Ore Crushing Bldg.		NS	UC	DL	-----	-----	-----	-----	-----	-----	-----
2a	Ore Crusher		-----	-----	AD	UC	MD*	UC	UC	UC	UC	MD
2b	Ore Reclaim		-----	-----	AD	UC	MD*	MD	UC	UC	UC	DL
3	Ore Storage		NS	UC	DL	-----	-----	-----	-----	-----	-----	-----
3a	ROM Stockpile Center		-----	-----	AD	UC	DL	-----	-----	-----	-----	-----
3b	ROM Stockpile North		-----	-----	AD	UC	DL	-----	-----	-----	-----	-----
3c	ROM Stockpile South		-----	-----	AD	UC	DL	-----	-----	-----	-----	-----
4	Temp. Ore Stockpile		NS	UC	UC	UC	DL	-----	-----	-----	-----	-----
5	Product Transfer		NS	UC	DL	-----	-----	-----	-----	-----	-----	-----
6	Product Storage		NS	UC	DL	-----	-----	-----	-----	-----	-----	-----
6a	Top Silos		-----	-----	AD	UC	MD*	MD	UC	UC	UC	UC
6b	Silo Reclaim		-----	-----	AD	UC	MD*	UC	UC	UC	UC	MD*
7	Product Load Out		NS	UC	UC	UC	MD*	UC	UC	MD	UC	UC
8	Coal Unloading		NS	UC	UC	UC	DL	-----	-----	-----	-----	-----
9	Covered Coal Storage		NS	UC	UC	UC	DL	-----	-----	-----	-----	-----
10	Coal Crushing		NS	UC	UC	UC	MD*	UC	UC	MD	UC	MD*
11	Coal Transfer		NS	UC	UC	UC	MD*	UC	UC	MD	UC	MD*
12	Coal Conveyor		NS	UC	UC	UC	MD*	UC	UC	DL	-----	-----
13	Coal Conveyor		NS	UC	DL	-----	-----	-----	-----	-----	-----	-----
14	Boiler Coal Bunker		NS	UC	UC	UC	UC	UC	UC	UC	UC	MD*
15	DR 1&2		NS	MD	UC	UC	MD*	UC	UC	UC	UC	MD*
16	Product Classifier		NS	UC	UC	UC	MD*	UC	UC	UC	UC	UC
17	CA 1&2		NS	UC	UC	UC	MD*	UC	UC	MD	UC	MD
18	BO-1		NS	UC	UC	UC	MD*	UC	UC	UC	UC	MD*
19	BO-2		NS	UC	UC	UC	MD*	UC	UC	UC	UC	MD*
20	Gas & Diesel Storage		NS	UC	UC	UC	UC	UC	UC	UC	UC	UC
21	Fuel Oil #2 Storage		NS	UC	UC	UC	UC	UC	UC	UC	UC	UC
23	Leach Tank				AD	UC	UC	UC	UC	DL	-----	-----
24	Boiler Fly Ash Silo				AD	UC	UC	UC	UC	UC	UC	UC
25	AT Crush and Screen					AD	MD*	UC	UC	UC	UC	UC
26	AT Dryer					AD	MD*	UC	UC	UC	UC	MD*
27	AT Bag & Loadout					AD	MD*	UC	UC	UC	UC	UC
28	Fluid Bed Dryer						NS	UC	UC	UC	UC	UC
29	Pre-1° Leach Tank						NS	UC	UC	DL	-----	-----
30	Lime Bin #1						NS	UC	UC	UC	UC	UC
31	Lime Bin #2						NS	UC	UC	UC	UC	UC
32	Caustic Evaporator						NS	UC	UC	UC	UC	UC
33	Sulfur Burner						NS	UC	UC	UC	UC	UC
34	Caustic Crystallizer						NS	UC	UC	UC	UC	UC

AQD	Name	Year	1979	1981	1984	1986	1990	1990	1992	1995	1996	1998
		Permit	234	234A	234A2	643A	117	132	946	229	282	1347
35	Sulfite Dryer						NS	UC	UC	UC	UC	UC
36	Sulfite Bin #1						NS	UC	UC	UC	UC	UC
37	Sulfite Bin #2						NS	UC	UC	UC	UC	UC
38	Sulfite Bin #3						NS	UC	UC	UC	UC	UC
39	Sulfite Bin #4						NS	UC	UC	UC	UC	UC
40	Sulfite Bagging						NS	UC	UC	UC	DL	-----
41	Sulfite Loadout						NS	UC	UC	UC	UC	MD*
42	HCl Tank						NS	UC	UC	UC	UC	UC
43	Sulfur Storage Tank						NS	UC	UC	UC	UC	UC
44	Lime Unloading						NS	UC	UC	UC	UC	MD
45	AT Transloading						NS	NS	UC	UC	UC	UC
46	Trona Transfer							NS	UC	UC	UC	MD*
47	Exp Crusher							NS	UC	UC	UC	DL
48	CA-3							NS	UC	UC	UC	MD
49	Leach Tank							NS/D	-----	-----	-----	-----
50	Dryer Area							NS	UC	UC	UC	MD*
51	DR-5							NS	UC	UC	UC	MD*
52	Silo Top #2							NS	UC	UC	UC	UC
53	Silo Bottom #2							NS	UC	UC	UC	MD*
54	T-200 Silo									NS	UC	UC
55	Ore Recycle/Reclaim								NS	UC	UC	UC
56	Gas-Fired Calciner								NS	DL	-----	-----
57	Transfer #2								NS	DL	-----	-----
58	Transfer #1								NS	DL	-----	-----
59	Transfer #3								NS	DL	-----	-----
60	Silo Bottom								NS	DL	-----	-----
61	Product Load Out								NS	DL	-----	-----
62	Carbon Silo									NS	UC	UC
63	Perlite Silo									NS	UC	UC
64	Sulfite Blending #2										NS	MD*
65	Sulfite Blending #1										NS	MD*
66	Carbon/Perlite Scrub										NS	UC
67	Bottom Ash										NS	UC
68	Bagging Trona Silo										NS	UC
70	Bagging Sulfite Silo										NS	UC
71	Bagging MBS Silo										NS	UC
72	MBS Soda Ash Feed										NS	UC
73	MBS Dryer										NS	MD*
74	North Headframe											N/D
75	Primary Crushing											N/D
76	Primary Screening											NS
77	Transfer 101											N/D

AQD	Name	Year	1979	1981	1984	1986	1990	1990	1992	1995	1996	1998
		Permit	**234**	**234A**	**234A2**	**643A**	**117**	**132**	**946**	**229**	**282**	**1347**
78	Transfer 102											N/D
79	Transfer Point											NS
80	Calciner #4 ESP											NS
81	Product Dryer Area											NS
82	Dryer #6 ESP											NS
83	Silo Top											NS
84	Silo Bottom											N/D
85	Boiler #3											NS

KEY TO ABBREVIATIONS:

NS = New Source

UC = Unchanged

DL = Deleted

N/D = New Source Deleted in that permitting process

AD = Added

MD = Modified

MD* = Limit modified to more closely reflect actual emissions

Summary of Permit History (1998 to 2003)

AQD	Name	Year	1998	1998	1999	2000	2000	2000	2001	2002	2003	
		Permit #	**1347**	**1416**	**P.W.**	**474**	**P.W.**	**498**	**P.W.**	**P.W.**	**NEW**	
2a	Ore Crusher		**MD**	UC	UC	UC	UC	UC	UC	UC	UC	
2b	Ore Reclaim		**DL**	UC	UC	UC	UC	UC	UC	UC	UC	
6a	Top Silos		UC	UC	UC	UC	UC	UC	UC	UC	UC	
6b	Silo Reclaim		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
7	Product Load Out		UC	UC	UC	UC	UC	UC	UC	UC	UC	
10	Coal Crushing		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
11	Coal Transfer		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
14	Boiler Coal Bunker		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
15	DR 1&2		**MD***	UC	UC	UC	UC	**MD**	UC	UC	UC	
16	Product Classifier		UC	UC	UC	UC	UC	UC	UC	UC	UC	
17	CA 1&2		**MD**	UC	UC	UC	UC	UC	UC	UC	**MD**	
18	BO-1		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
19	BO-2		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
20	Gas & Diesel Storage		UC	UC	UC	UC	UC	UC	UC	UC	UC	
21	Fuel Oil #2 Storage		UC	UC	UC	UC	UC	UC	UC	UC	UC	
24	Boiler Fly Ash Silo		UC	UC	UC	UC	UC	UC	UC	UC	UC	
25	AT Crush and Screen		UC	UC	UC	UC	UC	UC	**MD**	UC	UC	
26	AT Dryer		**MD***	UC	UC	UC	UC	UC	**MD**	UC	UC	

AQD	Name	Year	1998	1998	1999	2000	2000	2000	2001	2002	2003	
		Permit #	1347	1416	P.W.	474	P.W.	498	P.W.	P.W.	NEW	
27	AT Bag & Loadout		UC	UC	UC	UC	UC	UC	UC	UC	UC	
28	Fluid Bed Dryer		UC	UC	UC	UC	UC	UC	UC	UC	UC	
30	Lime Bin #1		UC	UC	UC	UC	UC	UC	UC	UC	UC	
31	Lime Bin #2		UC	UC	UC	UC	UC	UC	UC	UC	UC	
32	Caustic Evaporator		UC	UC	UC	UC	UC	UC	UC	UC	UC	
33	Sulfur Burner		UC	UC	UC	UC	UC	UC	UC	UC	UC	
34	Caustic Crystallizer		UC	UC	UC	UC	UC	UC	UC	UC	UC	
35	Sulfite Dryer		UC	UC	UC	UC	UC	UC	UC	UC	UC	
36	Sulfite Bin #1		UC	UC	UC	UC	UC	UC	UC	UC	UC	
37	Sulfite Bin #2		UC	UC	UC	UC	UC	UC	UC	UC	UC	
38	Sulfite Bin #3		UC	UC	UC	UC	UC	UC	UC	UC	UC	
39	Sulfite Bin #4		UC	UC	UC	UC	DL	UC	UC	UC	UC	
41	Sulfite Loadout		**MD***	UC	UC	UC	DL	UC	UC	UC	UC	
42	HCl Tank		UC	UC	UC	UC	UC	UC	UC	UC	UC	
43	Sulfur Storage Tank		UC	UC	UC	UC	UC	UC	UC	UC	UC	
44	Lime Unloading		**MD**	UC	UC	UC	UC	UC	UC	UC	UC	
45	AT Transloading		UC	UC	UC	UC	UC	UC	UC	UC	UC	
46	Trona Transfer		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
47	Exp Crusher		**DL**	UC	UC	UC	UC	UC	UC	UC	UC	
48	CA-3		**MD**	UC	UC	UC	UC	UC	UC	UC	UC	
50	Dryer Area		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
51	DR-5		**MD***	UC	UC	**MD**	UC	**MD**	UC	UC	UC	
52	Silo Top #2		UC	UC	UC	UC	UC	UC	UC	UC	UC	
53	Silo Bottom #2		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
54	T-200 Silo		UC	UC	UC	UC	UC	UC	UC	UC	UC	
55	Ore Recycle/Reclaim		UC	UC	UC	UC	UC	UC	UC	**DL**	UC	
62	Carbon Silo		UC	UC	**MD**	UC	UC	UC	UC	UC	UC	
63	Perlite Silo		UC	UC	**MD**	UC	UC	UC	UC	UC	UC	
64	Sulfite Blending #2		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
65	Sulfite Blending #1		**MD***	UC	**MD**	UC	UC	UC	UC	UC	UC	
66	Carbon/Perlite Scrub		UC	UC	UC	UC	UC	UC	UC	UC	UC	
67	Bottom Ash		UC	UC	UC	UC	UC	UC	UC	UC	UC	
68	Bagging Trona Silo		UC	UC	UC	UC	UC	UC	UC	UC	UC	
70	Bagging Sulfite Silo		UC	UC	UC	UC	UC	UC	UC	UC	UC	
71	Bagging MBS Silo		UC	UC	UC	UC	UC	UC	UC	UC	UC	
72	MBS Soda Ash Feed		UC	UC	UC	UC	UC	UC	UC	UC	UC	
73	MBS Dryer		**MD***	UC	UC	UC	UC	UC	UC	UC	UC	
76	Primary Screening		**NS**	UC	UC	UC	UC	UC	UC	**MD**	UC	
79	Transfer Point		**NS**	UC	UC	UC	UC	UC	UC	UC	UC	
80	Calciner #4 ESP		**NS**	UC	UC	UC	UC	UC	UC	UC	UC	
81	Product Dryer Area		**NS**	UC	UC	UC	UC	UC	UC	UC	UC	
82	Dryer #6 ESP		**NS**	UC	UC	**MD**	UC	UC	UC	UC	UC	

AQD	**Name**	**Year**	**1998**	**1998**	**1999**	**2000**	**2000**	**2000**	**2001**	**2002**	**2003**	
		Permit #	**1347**	**1416**	**P.W.**	**474**	**P.W.**	**498**	**P.W.**	**P.W.**	**NEW**	
83	Silo Top		**NS**	UC	UC	UC	UC	UC	UC	UC	UC	
85	Boiler #3		**NS**	UC	UC	UC	UC	UC	UC	UC	UC	
86	FCC Product BH			**NS**	UC	UC	**DL**	UC	UC	UC	UC	
87	FCC Silo BH			**NS**	UC	UC	**DL**	UC	UC	UC	UC	
88	TP Transload BH				**NS**	UC	UC	UC	UC	UC	UC	
89	Bisulfite Scrubber				**NS**	UC	UC	UC	UC	UC	UC	
90	Bag-Dump #1 BH				**NS**	UC	UC	UC	UC	UC	UC	
91	Bag-Dump #2 BH				**NS**	UC	UC	UC	UC	UC	UC	
92	TP Bin						**NS**	UC	UC	UC	UC	
93	TP Rail LO						**NS**	UC	UC	UC	UC	
94	Sulfite LO						**NS**	UC	UC	UC	UC	
95	TP LO Bin						**NS**	UC	UC	UC	UC	
96	TPX Bin #1									**NS**	UC	
97	TPX Bin #2									**NS**	UC	
98	TPX Area BH									**NS**	UC	
99	Crusher BH #2									**NS**	UC	
100	Calciner Coal Bunker										NS	

KEY TO ABBREVIATIONS:

NS = New Source

UC = Unchanged

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MD = Modified

MD* = Limit modified to more closely reflect actual emissions

KEY TO PERMIT WAIVERS (P.W.):

1999 = AP-P69, AP-B10, AP-K69, and AP-B00

2000 = AP-RG0

2001 = AP-GS1,

2002 = AP-Y92, AP-ZW2, and AP-4H2